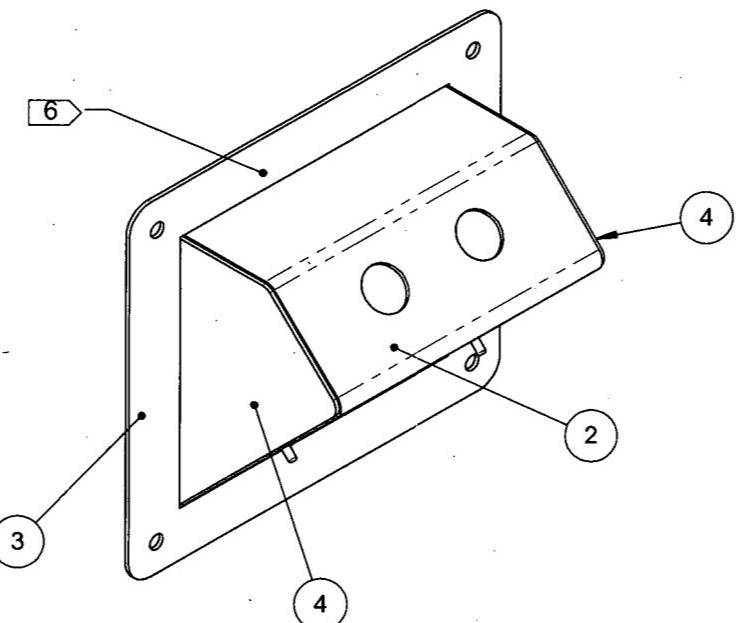


ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4131-041	MANIFOLD ASSEMBLY
2	1	D4131-045	BASE ASSEMBLY
3	1	D4131-1	FRONT PLATE
4	2	D4131-5	SIDE PLATE



D4131-041 MANIFOLD ASSEMBLY

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER QSI 044 6.1
 - 7) WEIGHT: 0.66 lbs

APPROVED

C	ADD Ø0.191 HOLE DIMENSION (ZN B1-9); REF PAR14-364			RF	14.09.08
B	D4131-045 WAS D4131-3 (ZN D3-1); ADD 4131-045 (ZN B4-3); ADD Ø0.098 (ZN B4-7); ADD 4131-9 (ZN B5-10)			RF	11.07.27
A	NEW ISSUE			RF	10.09.16
REV.	DESCRIPTION			BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC.			
DRAWN	RF	KENT, WA			
CHECKED	VS	DRAWING NO.			
MFG. APPR.	JFS	REV. C			
APPROVED	HS	D4131			
DE APPR.	DS	SHEET 1 OF 10			
DATE	14.09.08	TITLE			
		MANIFOLD ASSEMBLY			
		NTS			
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D

C

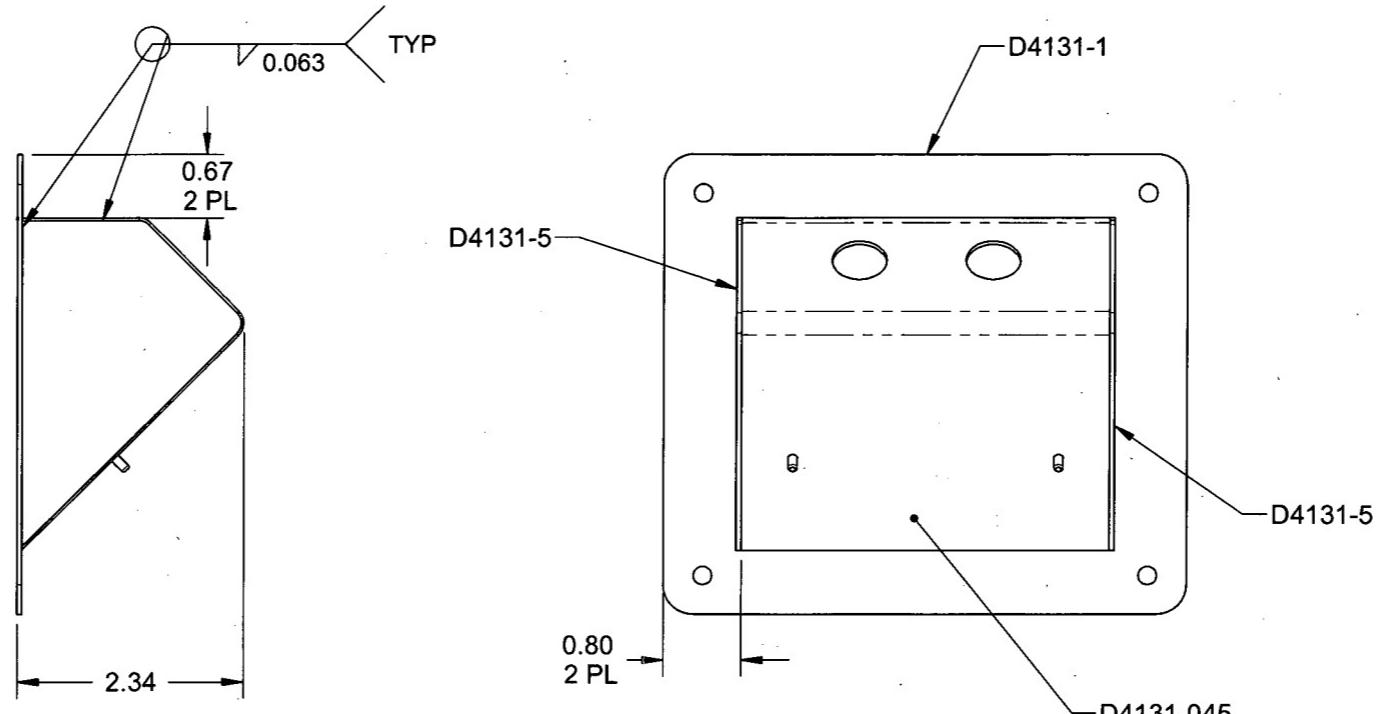
C

B

B

A

A



D4131-041 MANIFOLD ASSEMBLY
(AUXILIARY VIEW)

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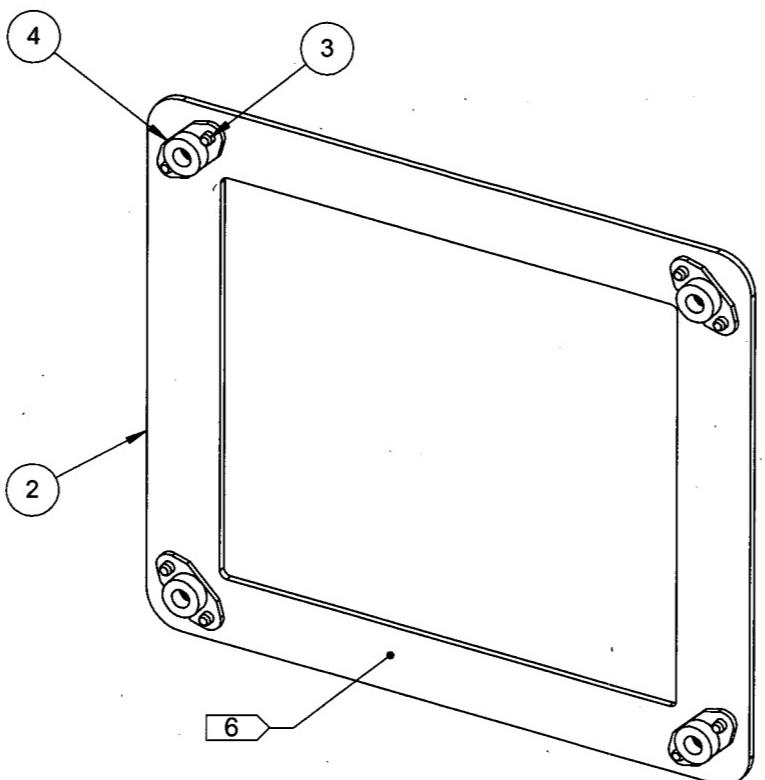
- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: PER QSI 044 6.1
7) WEIGHT: 0.66 lbs
8) WELD PER DART QSI 004

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APPROVED	HS	D4131	
DE APPR.	DS	SHEET 2 OF 10	
TITLE		MANIFOLD ASSEMBLY	
SCALE		NTS	
DATE		14.09.08	
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8 7 6 5 4 3 2 1

ITEM	QTY -043	P/N	DESCRIPTION
1	X	D4131-043	DOUBLER ASSEMBLY
2	1	D4131-7	SIDE PLATE
3	8	MS20426AD3-3	RIVET, SOLID, CSK
4	4	MS21069L3	NUT PLATE, SELF-LOCKING



D4131-043 DOUBLER ASSEMBLY

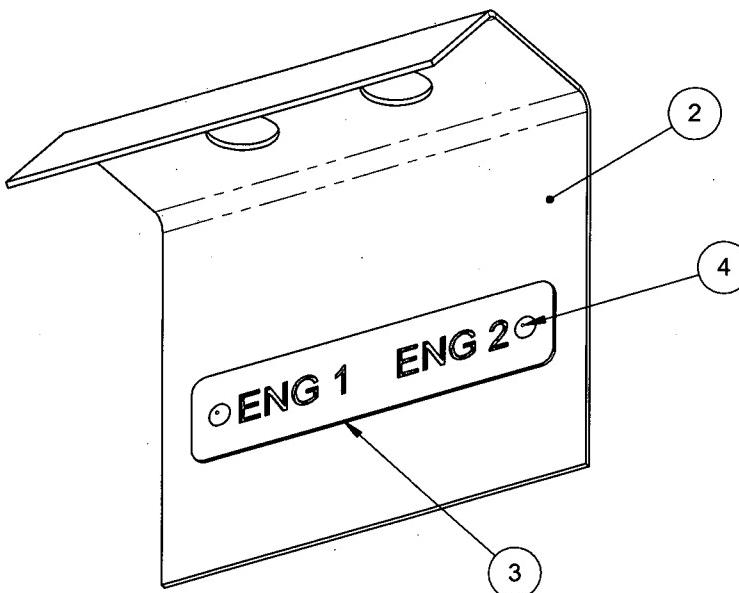
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2014-10-28
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- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER QSI 044 6.1
 - 7) WEIGHT: 0.07 lbs

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APPROVED	HS	TITLE	SCALE
DE APPR.	DS <i>[Signature]</i>	MANIFOLD ASSEMBLY	NTS
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8	7	6	5	4	3	2	1
D						D	
C						C	
B						B	
A						A	



D4131-045 BASE ASSEMBLY

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2014-10-20
[Signature]

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.35 lbs

APPROVED	DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA
	DRAWN	RF	
	CHECKED	VS	
	MFG. APPR.	JFS	
	APPROVED	HS	
	DE APPR.	DS-#	
	DATE	14.09.08	
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D

C

B

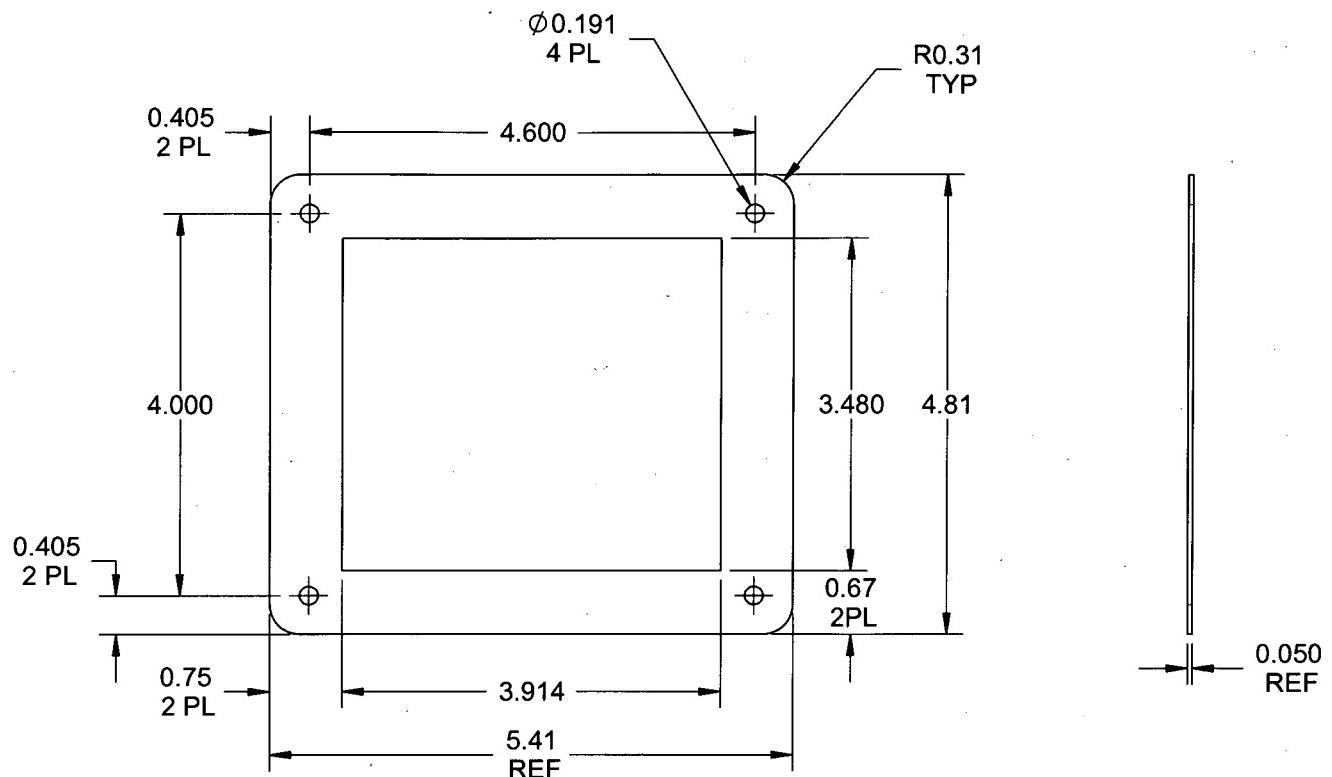
A

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C

B

A

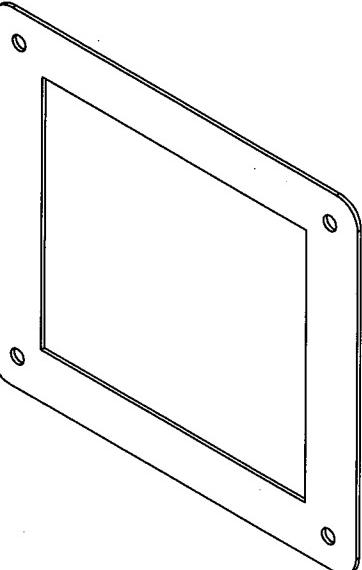
D4131-1 FRONT PLATE

NOTES:

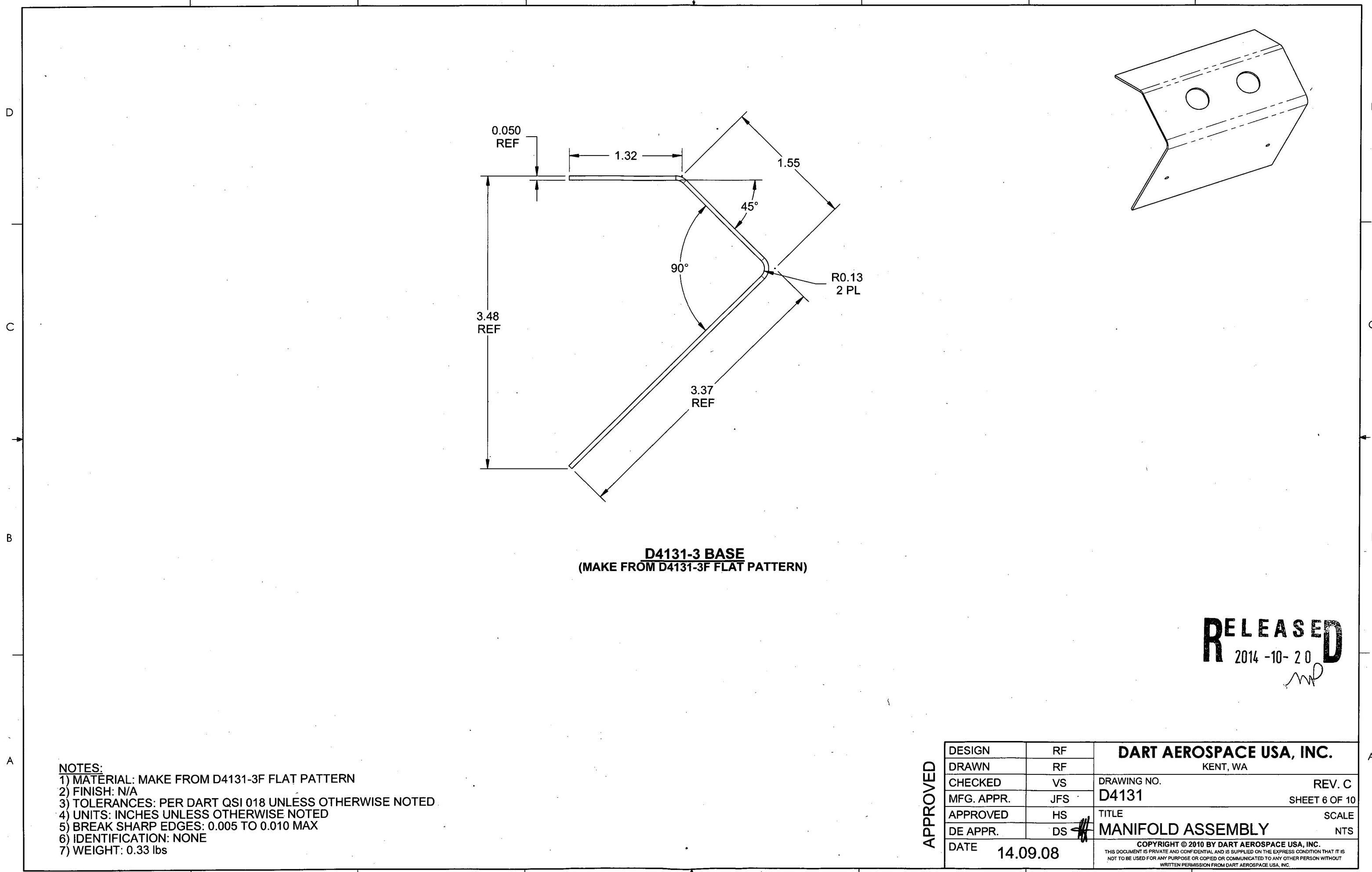
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S18GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.18 lbs

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MFG. APPR.	JFS	D4131	SHEET 5 OF 10
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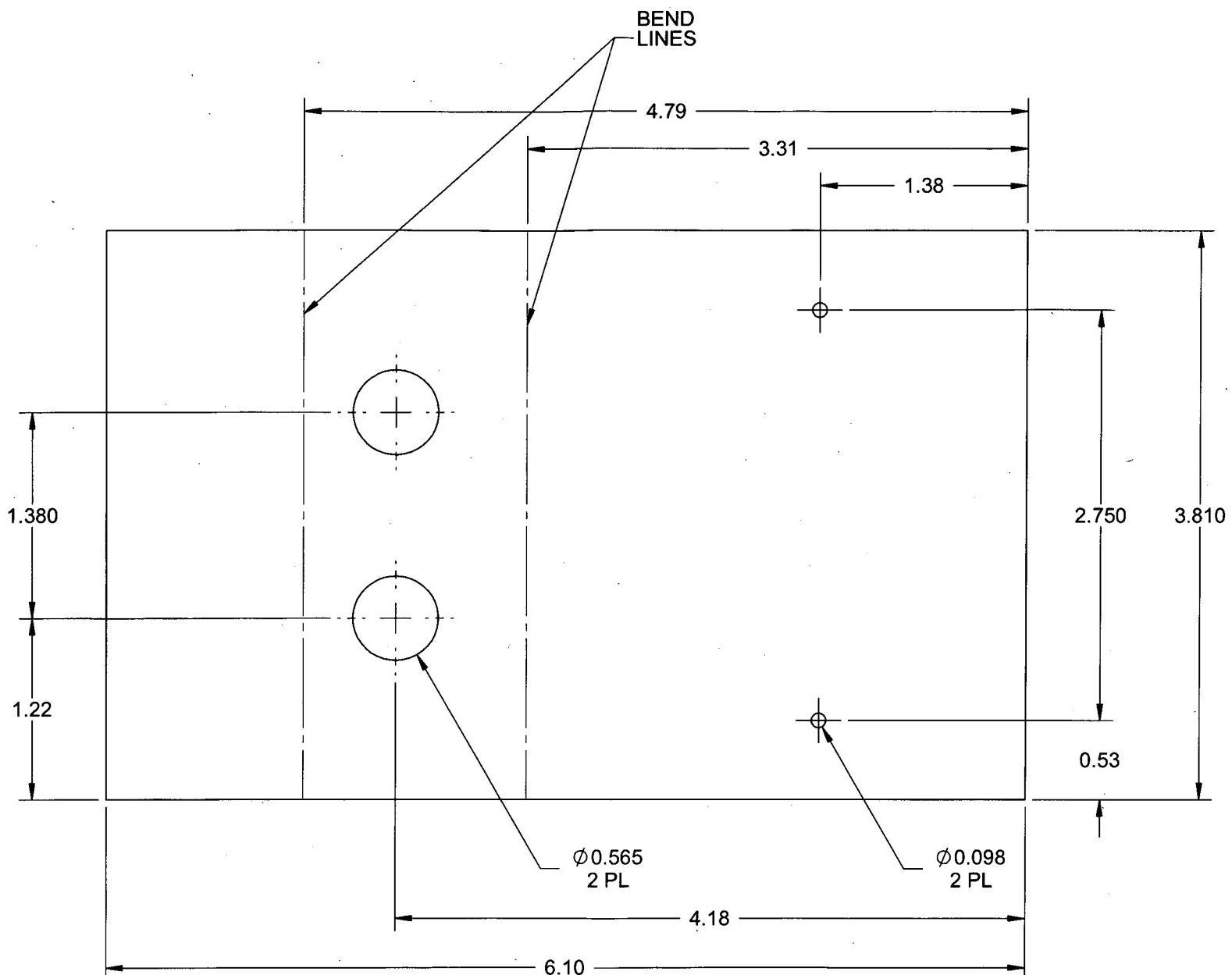

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8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



D4131-3F FLAT PATTERN

NOTES:

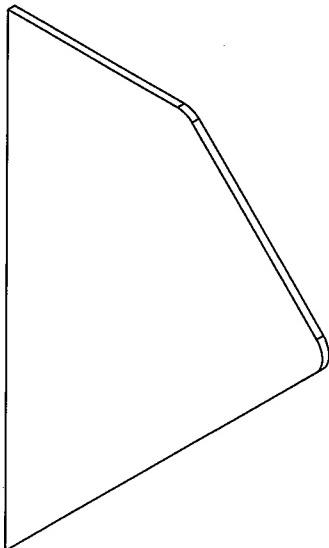
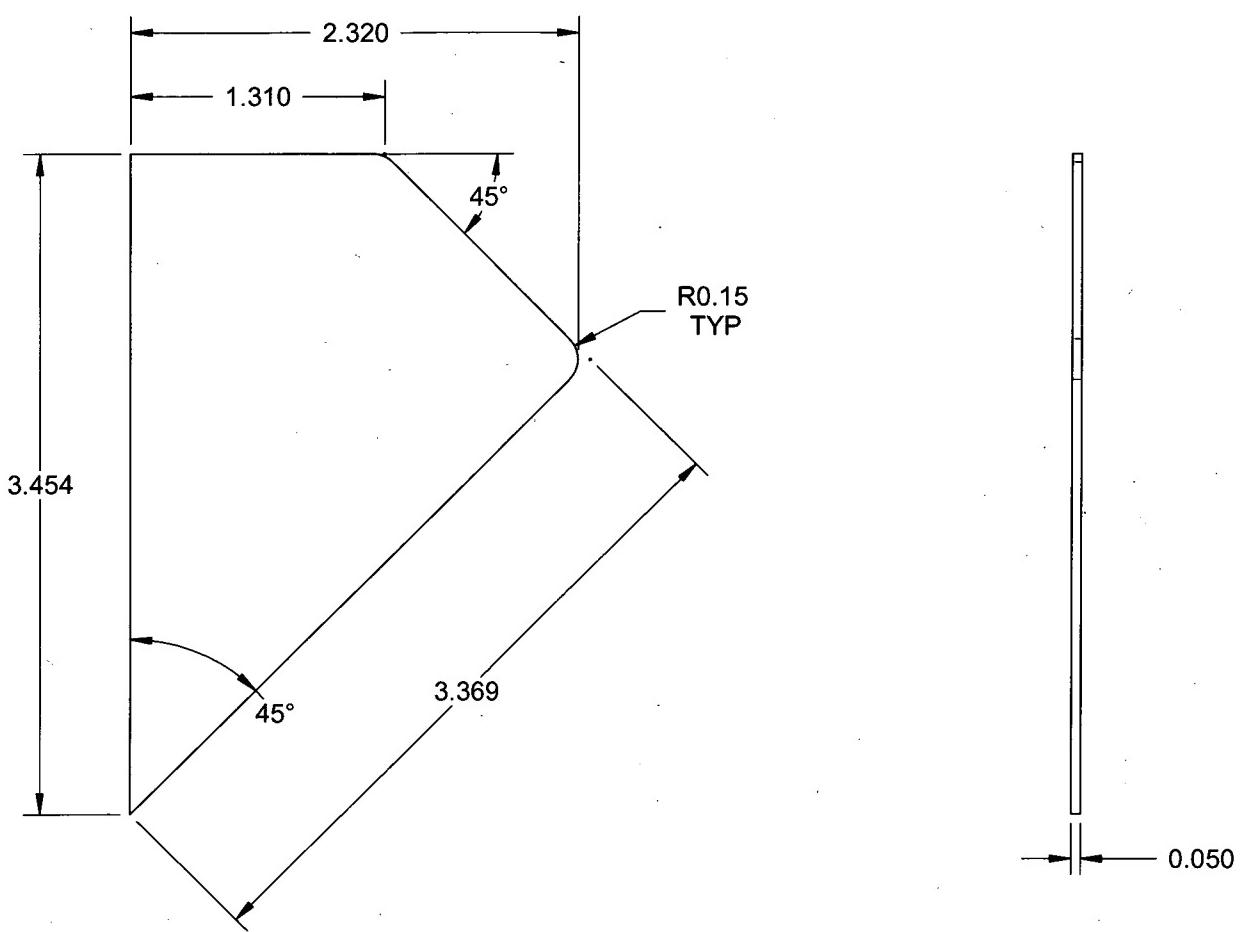
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S18GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.33 lbs

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DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA
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		SCALE
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D4131-5 SIDE PLATE

NOTES:

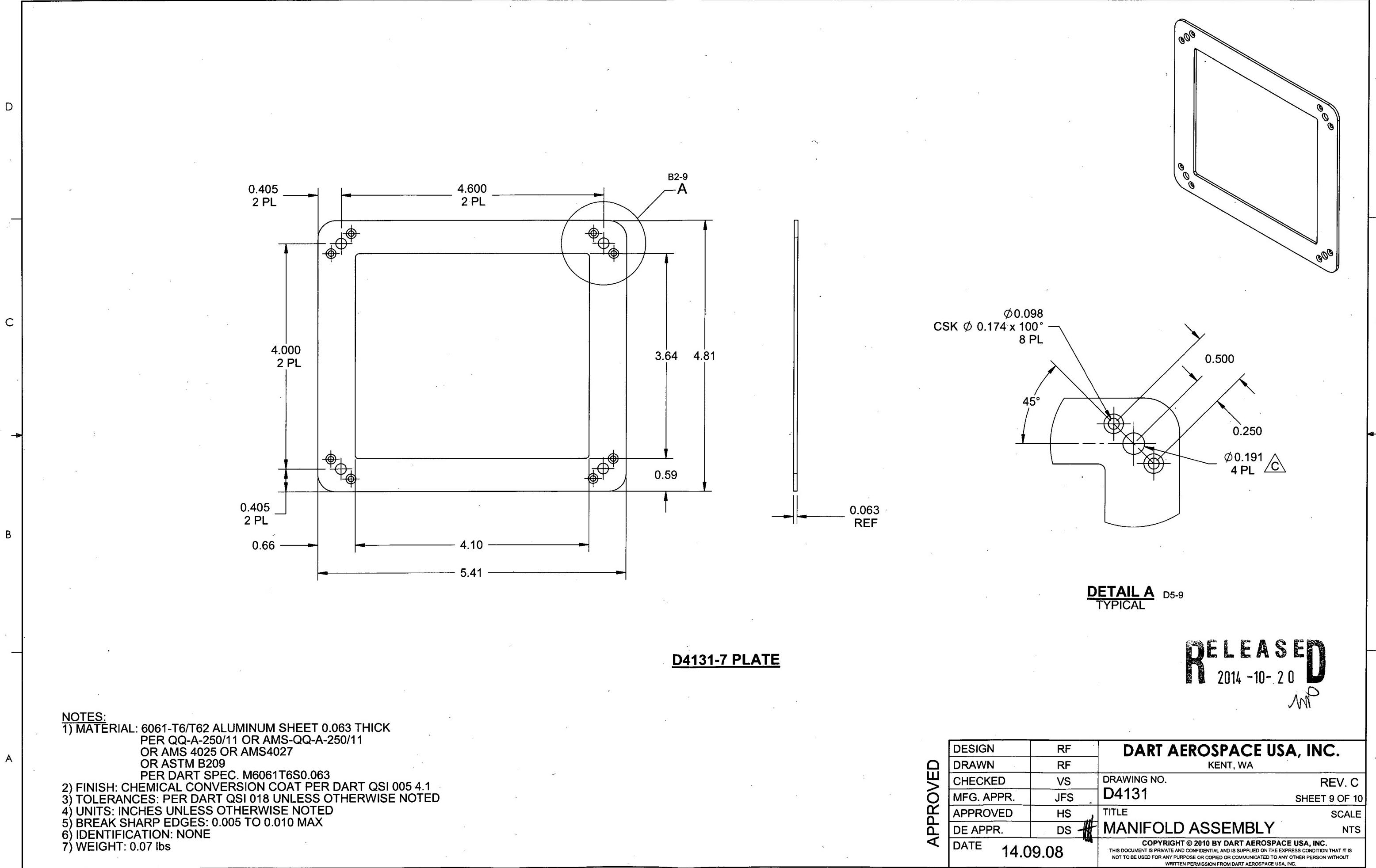
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.050 (18 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S18GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.07 lbs

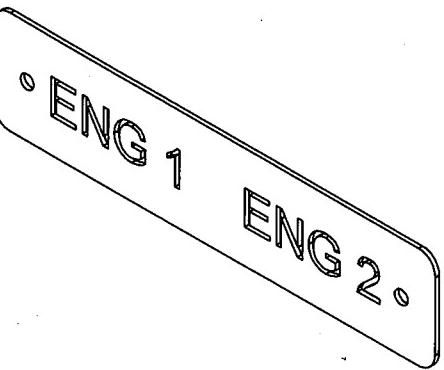
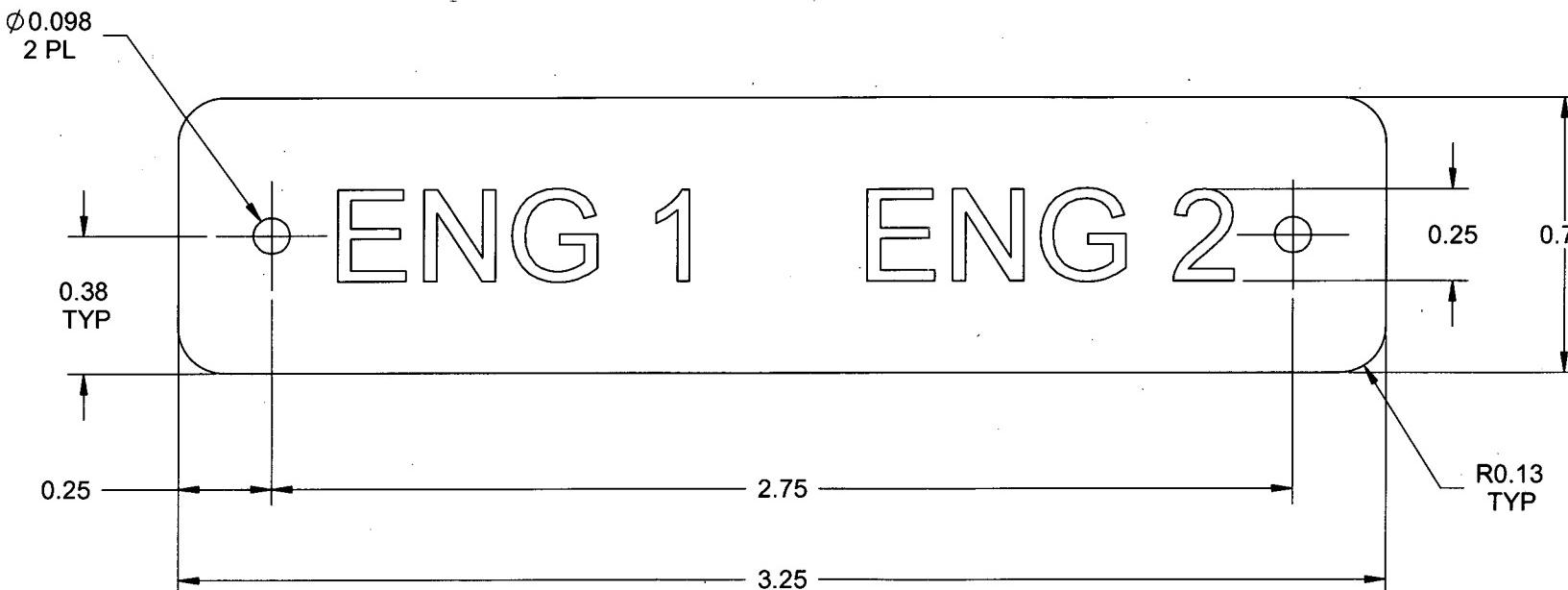
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MFG. APPR.	JFS	D4131	SHEET 8 OF 10
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DE APPR.	DS	MANIFOLD ASSEMBLY	
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8 7 6 5 4 3 2 1





D4131-9 LABEL PLATE

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.030 (22 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S22GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.02 lbs

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MFG. APPR.	JFS	D4131	SHEET 10 OF 10
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	MANIFOLD ASSEMBLY	
DATE	14.09.08	NTS	

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